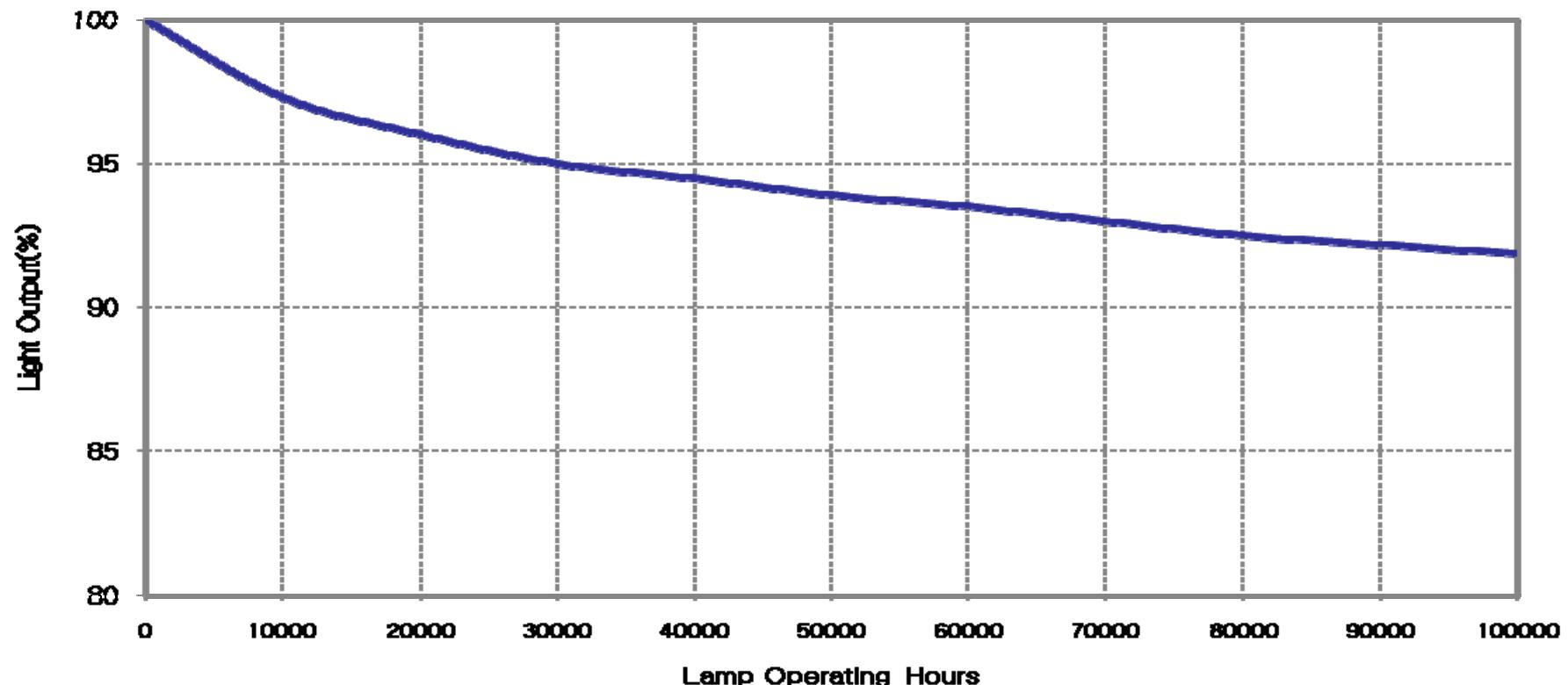


Reliability data of F54T5HO

Apr 03, 2008

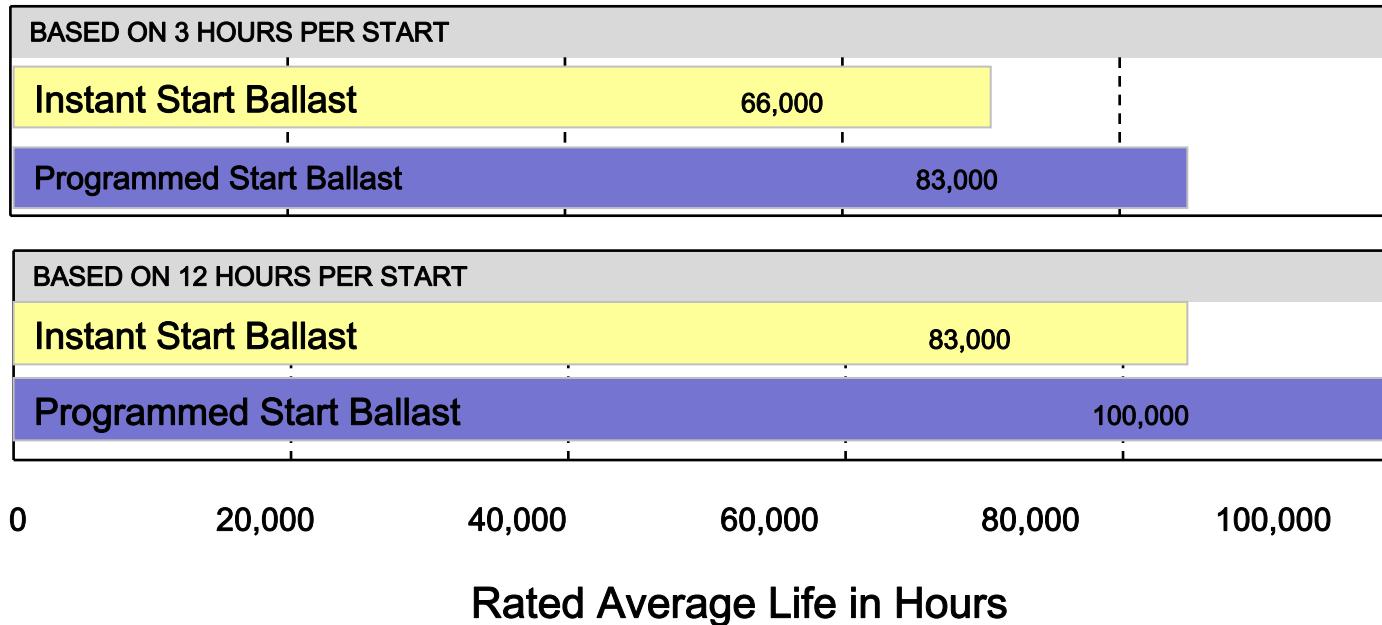
KUMHO ELECTRIC, Inc.

1. Lumen Maintenance (KE F54T5HO)



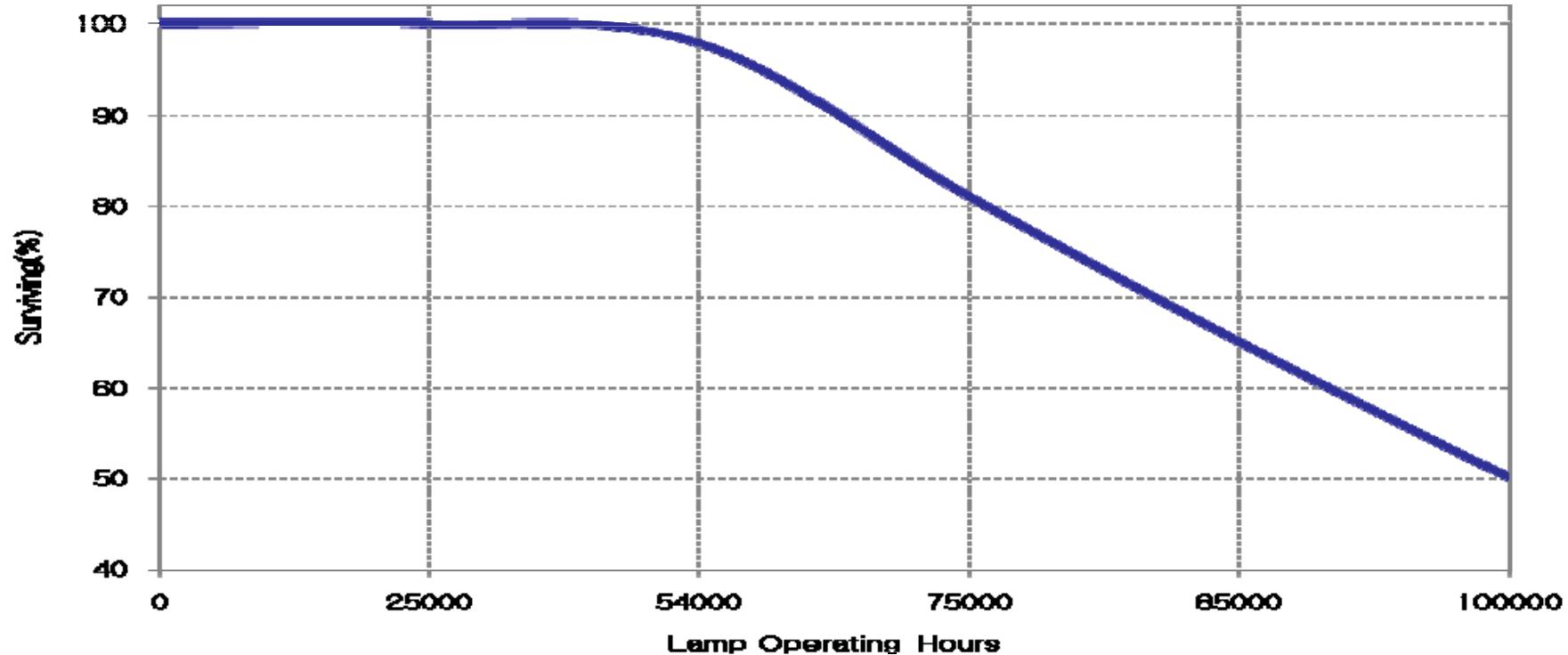
- ▶ This output is based upon measurements obtained during lamp operation on a reference ballast under standard laboratory conditions
- ▶ Operating ballast : Kumho programmed start ballast
- ▶ Operating Room Temperature : 77°F

2. Rated Average Life (KE F54T5HO)



- ▶ Average life under specified test conditions with lamps turned off and restarted no more frequently than once every 3 operating hours.
Lamp life is appreciably longer if lamps are started less frequently
- ▶ Life span of T5 lamps largely depends on the ballasts, so in case we use the lamps together with the inappropriate ballasts that is not matching with the characteristics of the lamps, the life span of the lamps can not be guaranteed.
So we need to know the ballast spec. which will be used with our T5 lamps before using it.
- ▶ Operating Room Temperature : 77°F

3. Typical lamp mortality Curve (KE F54T5HO)



- ▶ An average rating, in hours, indicating when 50% of a large group of lamps have failed, when operated at nominal lamp voltage and current; manufacturers use 12 hours per start for fluorescent lamps when performing lamp life testing procedures; every lamp type has a unique mortality curve that depicts its average rated life.
- ▶ Operating ballast : Kumho programmed start ballast
- ▶ Operating Room Temperature : 77°F